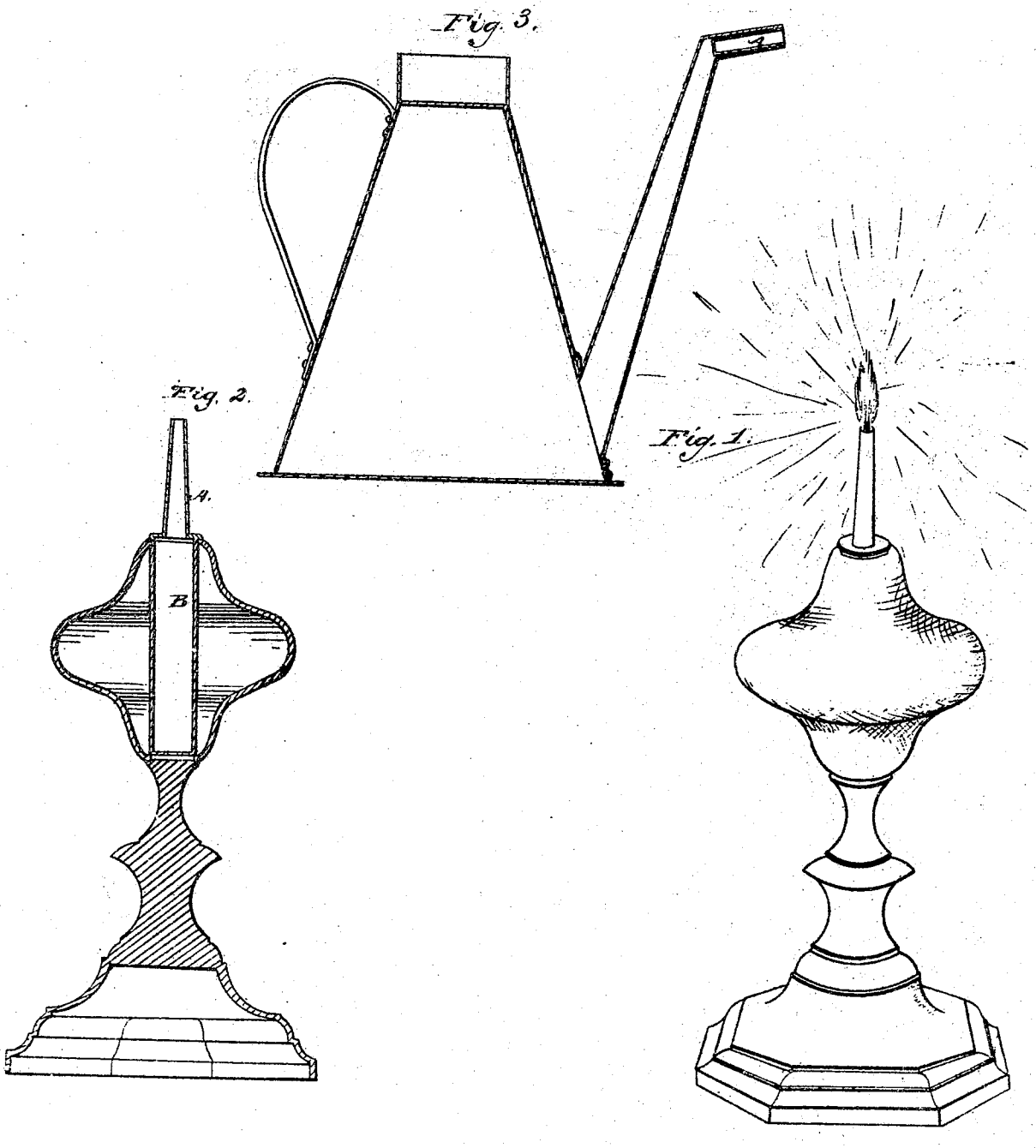
I. JENNINGS.

ALCOHOL AND TURPENTINE LAMP.

No. 29. PATENTED SEPT. 22, 1836.



UNITED STATES PATENT OFFICE.

ISAIAH JENNINGS, OF NEW YORK, N. Y.

ALCOHOL AND TURPENTINE LAMP.

Specification of Letters Patent No. 29, dated September 22, 1836.

To all whom it may concern:

Be it known that I, ISAIAH JENNINGS, of the city and State of New York, have invented an Improvement in lamps used for burning compounds of alcohol and spirits of turpentine or other analogous mixtures, and also in the cans used for supplying such lamps and other vessels for containing said compounds; and I do hereby declare that the following is a full and exact description thereof.

Into the opening which is to receive the burner of such a lamp before screwing in the burner, I insert a metal tube usually about half an inch in diameter, which tube is closed at the bottom, and is to reach to the bottom of the lamp, or nearly so, and is provided at top with a collar, having a screw cut upon it, by which it is held in its place under the burner, both being received by the same female screw, and the wick when used passing into the tube. This tube may be perforated at its upper, and lower ends by making several small holes therein for the passage of the liquid, and of air; or it may be perforated with large holes from end to end, and covered with wire gauze, wound around it in as many thicknesses as may be thought proper.

Into the spout, or mouth of the can, or other vessel used for supplying the lamp, or containing the material, I insert a tube similarly prepared, and guarded with that in the lamp, adapting the same to the size and nature of the vessel employed.

The object of the insertion of such tubes, so prepared, is to prevent the running out of the liquid except in minute quantities should the lamp, or other vessel be upset, and also to prevent the passage of flame from the outside to the fluid contained within the lamp, or other vessel.

What I claim as my improvement in lamps, or other vessels for containing the volatile compound used for burning in lamps, is—

The insertion of tubes or other analogous contrivances in the mouths, or openings thereof made, and prepared, substantially in the way and for the purpose herein set forth and described.

ISAIAH JENNINGS.

Witnesses:
SAM. STETTINEUS,
DANIEL H. RAY.